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ABSTRACT5
PROCESS FOR OBTAINING QUINAPRIL HYDROCHLORIDE AND SOLVATES
USEFUL FOR THE ISOLATION AND PURIFICATION OF QUINAPRIL
HYDROCHLORIDE

10 The process for obtaining quinapril hydrochloride (I)
comprises the stages of: a) hydrogenolysis of the benzyl
ester of quinapril (II) by treatment in an alcoholic
solvent, with concentrated hydrochloric acid or a solution
of hydrogen chloride in isopropanol, and hydrogenation; b)
15 removal of the solvent; c) addition of toluene to
precipitate the quinapril hydrochloride as a toluene
solvate; d) treatment of said solvate with a Class 3
solvent which forms a solvate of quinapril hydrochloride
from which it can be removed by drying without degrading;
and e) drying of the solvate from step d) to yield
quinapril hydrochloride (I), an antihypertensive agent.

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